

**THAT WHICH IS CLAIMED IS:**

1. A composition for eliciting an immune response to an immunogen, said composition comprising an immunogen in combination with compound 48/80.
- 5           2. The composition of claim 1, wherein said immunogen is an antibody-inducing determinant.
3. The composition of claim 1, wherein said immunogen is a lipid.
- 10           4. The composition of claim 1, wherein said immunogen is a peptide.
5. The composition of claim 4, wherein said peptide is an antibody-inducing peptide.
- 15           6. The composition of claim 1, wherein said immunogen is a carbohydrate.
7. The composition of claim 1, wherein said immunogen is derived from a virus.
- 20           8. The composition of claim 1, wherein said immunogen is derived from a cancer cell.
9. The composition of claim 1, wherein said composition is lyophilized.
- 25           10. The composition of claim 1, wherein said composition consists essentially of said immunogen in combination with compound 48/80.
11. A pharmaceutical composition comprising a composition of claim 1 in a pharmaceutically acceptable carrier.
- 30           12. The pharmaceutical composition of claim 11, wherein said carrier is an aqueous carrier.

13. The pharmaceutical composition of claim 11, wherein said carrier is a solid carrier.

5 14. A method of inducing an immune response comprising concurrently administering an immunogen and compound 48/80 to a subject in an amount effective to produce an immune response therein.

10 15. The method of claim 14, wherein said immunogen and said compound 48/80 are administered simultaneously in a common pharmaceutical carrier.

16. The method of claim 14, wherein said administering step is carried out by parenteral administration.

15 17. The method of claim 14, wherein said immune response is a prophylactic immune response.

18. The method of claim 14, wherein said immune response is a therapeutic immune response.

20 19. The method of claim 14, wherein said immune response comprises a humoral immune response.

25 20. The method of claim 14, wherein said immune response comprises a cellular immune response.

21. A method of treating a microbial infection in a subject in need thereof, comprising administering a mast cell membrane activator to said subject in an amount effective to treat said microbial infection.

30 22. The method of claim 21, wherein said microbial infection is a bacterial infection.

23. The method of claim 21, wherein said microbial infection is a gram negative bacterial infection.

24. A method of enhancing wound healing in a subject in need thereof,  
5 comprising administering Compound 48/80 to a subject afflicted with a wound in an amount effective to enhance healing of said wound.

25. The method of claim 24, wherein said administering step is carried out by topical administration.  
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26. A method of reducing scar formation in a subject in need thereof, comprising administering Compound 48/80 to a subject afflicted with a wound in an amount effective to reduce scar formation during healing of said wound.

27. The method of claim 25, wherein said administering step is carried out by topical administration.  
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